

**Surveyors Package**

**DHEC-OCRM**

**Garden City Beach**

**April 15, 2000**

## **Introduction**

The 1990 Beachfront Management Act defines the method by which beachfront jurisdiction is established by the South Carolina Department of Health and Environmental Control, Office of Ocean and Coastal Resource Management (OCRM). The Beachfront Management Act requires that all shorelines be classified as inlet zones or standard zones. Inlet zones are further subdivided into stabilized inlet zones or unstabilized inlet zones.

In unstabilized inlet zones, the baseline is located at the most landward position of the shoreline in the past 40 years, unless the best available scientific and historical data of the inlet and adjacent beaches indicate that the shoreline is unlikely to return to its former position. In standard zones and stabilized inlet zones, the baseline is located at the crest of the primary oceanfront sand dune. If there is no primary dune, the baseline is established based on the volume of sand on the active beach profile at each survey monument.

The position of the setback line is determined by the local long-term erosion rate. In erosional areas, the setback line is located landward of the baseline a distance equal to 40 times the annual erosion rate. In stable or accretional areas, the setback line is located 20 feet landward of the baseline.

All original baselines and setback lines became final on July 3<sup>rd</sup>, 1991. The Beachfront Management Act calls for all lines to be revised between July 1998 and July 2000, and then once every eight to 10 years after each preceding revision. Once a line is adopted as final, it will not change unless OCRM moves it as the result of a successful legal appeal of the line position or following a successful beach renourishment project. The date on which the new lines for this particular area were adopted as final is listed on the front cover.

Section 48-39-330 of the Beachfront Management Act reads as follows:

Thirty days after the initial adoption by the Department of setback lines, a contract of sale or transfer of real property located in whole or in part seaward of the setback line or the jurisdictional line must contain a disclosure statement that the property is or may be affected by the setback line, baseline, and the seaward corners of all habitable structures referenced to the South Carolina State Plane Coordinate System (N.A.D.-1983) and include the local erosion rate most recently made available by the Department for that particular standard zone or inlet zone as applicable. Language reasonably calculated to call attention to the existence of baselines, setback lines, jurisdictional lines, and the seaward corners of all habitable structures and the erosion rate complies with this section. The provisions of this section are regulatory in nature and do not affect the legality of an instrument violating the provisions.

As a result, surveyors have been called upon to transfer the OCRM baseline and setback lines to individual plats and to locate these lines in the field. OCRM has undertaken several steps to facilitate this task, as described below.

## **Orthophotographs**

Orthophotographs, which are aerial photographs with the distortion removed at ground level, have been produced for all developed beaches in the state. These maps are to national map accuracy standards, and are depicted in the South Carolina State Plane Coordinate System (NAD 83). The maps are based on July 1993 photography, are at a scale of 1"=100', and have the beach lines drawn on them. Copies of these maps are available for review in the appropriate OCRM office and municipal or county office. Copies are available for sale at Duncan-Parnell, Inc., 3150 W. Montague Ave., North Charleston, SC, 29419, phone 843-747-6033.

## **Digitized Lines**

OCRM has digitized the location of the baseline and setback line for all islands where such lines have been established. These digital line coordinates are listed as northings and eastings in the South Carolina State Plane Coordinate System (NAD 83), in units of international feet. They are provided in order to avoid having different surveyors obtain slightly different results when digitizing or scaling off the orthophotographs. Appendix 1 gives the line coordinates for this area.

## **Beach Survey Monuments**

In 1987, OCRM installed a network of beach survey monuments along most of South Carolina's shoreline. Over time, additional monuments have been added to the network to replace ones that have been destroyed. In general, the replacement monument is along the same shore-perpendicular line as the original monument but farther landward. Replacement monuments are stamped with the letter "B" (or the letter "C" for a third-generation monument). For example, monument 4220 was replaced with 4220B. These monuments are located horizontally in the South Carolina State Plane Coordinate System (NAD 83), and are vertically referenced to 1929 NGVD. Description sheets for all monuments in this are given in Appendix 2. In some cases, the monument's coordinates are given in meters. To convert to international feet, divide by 0.3048.

## **Local Erosion Rates**

OCRM has conducted studies of the long-term erosion rates at all survey monument locations. These rates were used to establish the location of the setback line, and must also be given on individual plats. In erosional areas the exact rate was determined. In stable or accretional areas no specific number was determined, and the shoreline is officially classified as "stable to accretional" or S/A. Local erosion rates for the area covered by this report are given in Appendix 3.

## **Plat Review Requirements**

In order to receive a permit from OCRM for many activities seaward of the setback line, the applicant must submit a plat in state plane coordinates with specific information shown on it. The following is a list of the required information:

1. Monuments used to reference the survey.
2. Line coordinates used to establish the baseline and setback line.
3. Coordinates of the property corners.
4. Coordinates of the corners of any habitable structures on the property.
5. Distance between the seaward structure corners and the baseline and setback line.
6. Footprint of all structures on the property.
7. Location of the crest and trough of the primary oceanfront sand dune.
8. Local erosion rate.

## **Appendix 1**

### **Line Coordinates**

This appendix contains a listing of OCRM baseline and setback line coordinates, given as northings and eastings in international feet referenced to the South Carolina State Plane Coordinate System (NAD 83). Coordinates are listed as one continuous line that begins at one end of the island or beach and extends to the other. There are separate listings for the baseline and the setback line.

GARDEN CITY BASELINE

DHEC-OCRM BASELINE COORDINATES  
GARDEN CITY BEACH  
VALID AS OF APRIL 15, 2000  
STATE-PLANE COORDINATE SYSTEM, NAD 1983  
INTERNATIONAL FEET

NORTHING	EASTING
624370.23	2599376.12
624362.87	2599377.82
624353.26	2599381.21
624341.95	2599384.60
624333.05	2599386.86
624327.68	2599388.14
624313.40	2599390.82
624305.20	2599392.52
624299.69	2599393.37
624289.79	2599396.33
624279.33	2599398.17
624272.97	2599401.85
624268.16	2599403.69
624261.94	2599405.38
624256.57	2599408.21
624254.03	2599410.19
624248.23	2599412.03
624237.35	2599421.21
624228.30	2599431.39
624223.92	2599439.31
624215.01	2599451.47
624203.56	2599464.75
624196.21	2599472.67
624190.13	2599478.75
624184.76	2599486.24
624182.50	2599491.47
624176.84	2599496.14
624171.61	2599502.07
624163.98	2599515.78
624160.59	2599522.43
624156.91	2599533.03
624152.81	2599541.94
624150.13	2599552.26
624148.57	2599563.71
624145.60	2599577.28
624144.05	2599589.15
624144.19	2599597.49
624146.03	2599608.94
624147.16	2599620.53
624147.16	2599645.98
624147.02	2599666.19
624141.08	2599693.62
624139.95	2599702.38
624136.13	2599712.84
624128.50	2599727.68
624123.55	2599740.41
624117.76	2599755.96
624103.05	2599791.58
624096.13	2599819.14
624093.30	2599839.50

## GARDEN CITY BASELINE

624085.95	2599864.80
624080.72	2599895.34
624075.91	2599911.88
624072.94	2599931.81
624069.13	2599953.58
624066.72	2599971.39
624062.48	2599995.00
624061.64	2600002.07
624061.64	2600013.94
624067.01	2600040.52
624071.67	2600057.20
624074.50	2600073.59
624080.01	2600099.32
624081.14	2600107.52
624082.70	2600121.09
624085.81	2600141.02
624088.21	2600160.67
624089.48	2600173.39
624095.00	2600208.88
624099.10	2600224.43
624104.33	2600264.85
624109.56	2600283.51
624113.94	2600300.76
624118.18	2600315.46
624127.65	2600334.69
624139.52	2600357.73
624151.96	2600377.66
624228.53	2600441.98
624293.50	2600496.57
624377.09	2600551.46
624460.67	2600606.36
624544.26	2600661.25
624627.84	2600716.15
624711.43	2600771.04
624795.01	2600825.94
624878.60	2600880.83
624962.18	2600935.73
625031.48	2600981.24
625116.29	2601034.22
625201.11	2601087.20
625285.92	2601140.17
625370.74	2601193.15
625455.55	2601246.13
625540.36	2601299.11
625625.18	2601352.08
625709.99	2601405.06
625794.80	2601458.04
625879.62	2601511.02
625964.43	2601563.99
626049.25	2601616.97
626134.06	2601669.95
626218.87	2601722.93
626242.62	2601737.76
626334.24	2601777.83
626425.86	2601817.91
626517.48	2601857.98
626609.10	2601898.05

## GARDEN CITY BASELINE

626700.72	2601938.13
626792.34	2601978.20
626883.96	2602018.28
626931.68	2602039.15
627025.40	2602074.03
627119.12	2602108.90
627212.84	2602143.78
627306.56	2602178.66
627400.28	2602213.53
627494.01	2602248.41
627587.73	2602283.29
627681.45	2602318.16
627775.17	2602353.04
627868.89	2602387.92
627962.61	2602422.80
628056.33	2602457.67
628102.06	2602474.69
628195.26	2602510.95
628288.45	2602547.21
628381.65	2602583.46
628474.84	2602619.72
628568.04	2602655.98
628661.23	2602692.24
628754.43	2602728.50
628847.62	2602764.75
628940.82	2602801.01
629034.01	2602837.27
629127.21	2602873.53
629220.40	2602909.79
629256.27	2602923.74
629349.27	2602960.50
629442.27	2602997.26
629535.26	2603034.02
629628.26	2603070.78
629721.26	2603107.55
629814.26	2603144.31
629907.26	2603181.07
629968.91	2603205.44
630060.58	2603245.39
630152.26	2603285.33
630243.93	2603325.28
630335.61	2603365.23
630427.28	2603405.18
630518.96	2603445.12
630610.63	2603485.07
630702.31	2603525.02
630793.98	2603564.97
630885.65	2603604.91
630971.13	2603642.16
631060.30	2603687.41
631149.48	2603732.67
631238.65	2603777.92
631327.83	2603823.18
631417.00	2603868.43
631506.17	2603913.69
631595.35	2603958.94
631684.52	2604004.20

## GARDEN CITY BASELINE

631773.70	2604049.45
631862.87	2604094.71
631952.05	2604139.96
632041.22	2604185.21
632069.37	2604199.50
632154.98	2604251.18
632240.59	2604302.86
632326.20	2604354.55
632411.81	2604406.23
632497.42	2604457.91
632583.03	2604509.59
632668.64	2604561.27
632754.25	2604612.96
632839.86	2604664.64
632925.46	2604716.32
633011.07	2604768.00
633096.68	2604819.68
633182.29	2604871.36
633267.90	2604923.05
633353.51	2604974.73
633439.12	2605026.41
633524.73	2605078.09
633610.34	2605129.77
633673.23	2605167.74
633760.14	2605217.21
633847.05	2605266.67
633933.96	2605316.14
634020.86	2605365.61
634107.77	2605415.07
634194.68	2605464.54
634281.59	2605514.00
634368.50	2605563.47
634455.41	2605612.94
634542.31	2605662.40
634576.76	2605682.01
634662.27	2605733.86
634747.78	2605785.70
634833.29	2605837.55
634918.80	2605889.40
635004.31	2605941.25
635089.82	2605993.09
635175.33	2606044.94
635260.83	2606096.79
635346.34	2606148.64
635431.85	2606200.48
635434.80	2606202.27
635516.41	2606260.06
635598.02	2606317.86
635679.63	2606375.65
635761.23	2606433.44
635842.84	2606491.24
635924.45	2606549.03
635949.02	2606566.43
636031.41	2606623.11
636113.79	2606679.79
636196.18	2606736.47
636278.56	2606793.15

## GARDEN CITY BASELINE

636360.95	2606849.83
636443.33	2606906.51
636525.72	2606963.19
636608.11	2607019.87
636690.49	2607076.55
636708.08	2607088.65
636791.26	2607144.15
636874.44	2607199.66
636957.63	2607255.16
637040.81	2607310.67
637123.99	2607366.17
637207.17	2607421.68
637290.35	2607477.18
637373.54	2607532.69
637456.72	2607588.19
637539.90	2607643.70
637623.08	2607699.20
637706.26	2607754.70
637789.45	2607810.21
637872.63	2607865.71
637892.57	2607879.02
637972.32	2607939.35
638052.08	2607999.68
638131.83	2608060.00
638211.58	2608120.33
638291.34	2608180.66
638345.78	2608221.84
638428.06	2608278.67
638510.34	2608335.50
638592.63	2608392.33
638674.91	2608449.16
638757.19	2608505.99
638839.47	2608562.82
638921.76	2608619.65
639004.04	2608676.48
639086.32	2608733.31
639168.60	2608790.14
639250.89	2608846.97
639333.17	2608903.80
639390.93	2608943.69
639470.18	2609004.67
639549.44	2609065.66
639628.69	2609126.64
639707.94	2609187.62
639787.20	2609248.60
639866.45	2609309.59
639921.01	2609351.57
640003.25	2609408.45
640085.50	2609465.34
640167.74	2609522.22
640249.99	2609579.11
640332.23	2609635.99
640414.48	2609692.87
640496.72	2609749.76
640578.97	2609806.64
640661.21	2609863.53
640743.46	2609920.41

## GARDEN CITY BASELINE

640825.70	2609977.30
640870.27	2610008.12
640948.74	2610070.10
641027.21	2610132.09
641105.69	2610194.07
641184.16	2610256.06
641262.63	2610318.04
641341.10	2610380.03
641419.57	2610442.01
641498.05	2610504.00
641576.52	2610565.98
641654.99	2610627.97
641720.47	2610679.69
641801.32	2610738.54
641882.16	2610797.40
641963.01	2610856.25
642043.86	2610915.11
642124.70	2610973.96
642205.55	2611032.81
642286.40	2611091.67
642367.24	2611150.52
642448.09	2611209.38
642497.19	2611245.12
642578.27	2611303.65
642659.35	2611362.19
642740.42	2611420.72
642821.50	2611479.26
642902.58	2611537.79
642983.66	2611596.33
643064.74	2611654.86
643145.81	2611713.40
643226.89	2611771.93
643307.97	2611830.47
643389.05	2611889.00
643470.13	2611947.54
643551.21	2612006.07
643632.28	2612064.61
643713.36	2612123.14
643794.44	2612181.68
643875.52	2612240.21
643956.60	2612298.75
644037.67	2612357.28
644118.75	2612415.82
644133.27	2612426.30
644211.95	2612488.02
644290.62	2612549.75
644369.30	2612611.47
644447.98	2612673.20
644526.66	2612734.92
644605.33	2612796.65
644684.01	2612858.37
644762.69	2612920.09
644832.66	2612974.99
644912.75	2613034.87
644992.84	2613094.74
645072.94	2613154.62
645153.03	2613214.50

GARDEN CITY BASELINE

645233.12	2613274.37
645313.21	2613334.25
645393.31	2613394.13
645473.40	2613454.01
645486.70	2613463.95
645567.55	2613522.81
645648.39	2613581.66
645729.24	2613640.52
645810.08	2613699.37
645890.93	2613758.23
645971.77	2613817.08
646052.62	2613875.94
646133.47	2613934.79
646214.31	2613993.65
646295.16	2614052.50
646376.00	2614111.36
646440.58	2614158.37

END

GARDEN CITY SETBACK LINE

DHEC-OCRM SETBACK LINE COORDINATES  
GARDEN CITY BEACH  
VALID AS OF APRIL 15, 2000  
STATE-PLANE COORDINATE SYSTEM, NAD 1983  
INTERNATIONAL FEET

NORTHING	EASTING
624391.58	2599432.07
624383.72	2599434.58
624379.66	2599435.52
624373.23	2599437.79
624370.50	2599438.68
624359.19	2599442.07
624347.82	2599445.02
624341.50	2599446.52
624325.02	2599449.69
624317.36	2599451.27
624307.03	2599453.80
624304.46	2599454.18
624300.17	2599455.43
624295.93	2599457.28
624289.59	2599459.73
624283.95	2599461.57
624279.46	2599464.18
624277.57	2599466.28
624276.41	2599468.37
624274.47	2599470.95
624272.32	2599474.77
624263.41	2599486.92
624261.05	2599489.67
624249.01	2599503.92
624240.18	2599513.50
624236.03	2599517.70
624234.06	2599520.45
624224.92	2599533.90
624220.68	2599537.75
624216.93	2599544.03
624215.92	2599546.01
624213.60	2599552.68
624212.07	2599555.13
624211.42	2599558.12
624209.54	2599562.19
624208.03	2599571.78
624207.48	2599573.80
624207.19	2599576.53
624204.76	2599587.60
624204.14	2599592.38
624205.27	2599599.43
624205.48	2599602.05
624206.87	2599614.71
624207.16	2599620.53
624207.16	2599645.98
624207.02	2599666.61
624205.66	2599678.89
624200.26	2599703.82
624199.46	2599710.06
624196.89	2599719.67

GARDEN CITY SETBACK LINE

624196.31	2599722.95
624192.50	2599733.41
624189.49	2599740.28
624183.29	2599752.34
624179.62	2599761.76
624173.98	2599776.91
624160.18	2599810.43
624155.11	2599830.62
624152.73	2599847.75
624151.46	2599852.42
624150.92	2599856.24
624144.51	2599878.28
624139.86	2599905.47
624138.71	2599909.43
624138.34	2599912.08
624134.66	2599924.73
624132.29	2599940.65
624128.43	2599962.77
624126.19	2599979.41
624121.85	2600003.88
624121.64	2600007.94
624125.38	2600026.47
624129.45	2600041.04
624129.80	2600043.54
624130.80	2600047.00
624133.42	2600062.21
624138.68	2600086.75
624138.95	2600089.27
624140.58	2600099.32
624142.17	2600113.05
624145.09	2600131.77
624147.77	2600153.39
624149.02	2600165.80
624153.81	2600196.59
624157.11	2600209.13
624157.62	2600213.07
624158.60	2600216.73
624163.27	2600252.85
624167.33	2600267.32
624171.85	2600285.05
624174.35	2600293.72
624181.23	2600307.68
624191.73	2600328.05
624197.83	2600337.83
624274.40	2600402.15
624329.39	2600448.35
624412.98	2600503.25
624496.56	2600558.14
624580.15	2600613.04
624663.73	2600667.93
624747.32	2600722.83
624830.90	2600777.72
624914.49	2600832.62
624998.07	2600887.51
625063.85	2600930.71
625148.66	2600983.69
625233.48	2601036.67

GARDEN CITY SETBACK LINE

625318.29	2601089.64
625403.10	2601142.62
625487.92	2601195.60
625572.73	2601248.58
625657.54	2601301.56
625742.36	2601354.53
625827.17	2601407.51
625911.99	2601460.49
625996.80	2601513.47
626081.61	2601566.44
626166.43	2601619.42
626251.24	2601672.40
626270.69	2601684.55
626362.31	2601724.62
626453.93	2601764.70
626545.55	2601804.77
626637.17	2601844.84
626728.79	2601884.92
626820.41	2601924.99
626912.03	2601965.06
626954.18	2601983.50
627047.90	2602018.38
627141.62	2602053.25
627235.34	2602088.13
627329.06	2602123.01
627422.78	2602157.88
627516.51	2602192.76
627610.23	2602227.64
627703.95	2602262.51
627797.67	2602297.39
627891.39	2602332.27
627985.11	2602367.14
628078.83	2602402.02
628122.98	2602418.45
628216.18	2602454.71
628309.37	2602490.97
628402.57	2602527.23
628495.76	2602563.48
628588.96	2602599.74
628682.15	2602636.00
628775.35	2602672.26
628868.54	2602708.52
628961.74	2602744.78
629054.93	2602781.03
629148.13	2602817.29
629241.32	2602853.55
629278.02	2602867.83
629371.02	2602904.59
629464.02	2602941.35
629557.02	2602978.11
629650.01	2603014.87
629743.01	2603051.63
629836.01	2603088.39
629929.01	2603125.15
629990.97	2603149.64
630082.65	2603189.58
630174.32	2603229.53

GARDEN CITY SETBACK LINE

630266.00	2603269.47
630357.67	2603309.42
630449.35	2603349.36
630541.02	2603389.31
630632.70	2603429.25
630724.38	2603469.20
630816.05	2603509.14
630907.73	2603549.08
630995.09	2603587.15
631084.27	2603632.40
631173.45	2603677.65
631262.62	2603722.89
631351.80	2603768.14
631440.98	2603813.39
631530.16	2603858.64
631619.33	2603903.88
631708.51	2603949.13
631797.69	2603994.38
631886.87	2604039.63
631976.04	2604084.87
632065.22	2604130.12
632096.52	2604146.00
632100.38	2604148.14
632185.99	2604199.82
632271.60	2604251.50
632357.21	2604303.19
632442.82	2604354.87
632528.43	2604406.55
632614.04	2604458.23
632699.65	2604509.91
632785.26	2604561.59
632870.87	2604613.28
632956.48	2604664.96
633042.08	2604716.64
633127.69	2604768.32
633213.30	2604820.00
633298.91	2604871.69
633384.52	2604923.37
633470.13	2604975.05
633555.74	2605026.73
633641.35	2605078.41
633703.58	2605115.98
633790.49	2605165.45
633877.40	2605214.91
633964.31	2605264.38
634051.21	2605313.85
634138.12	2605363.31
634225.03	2605412.78
634311.94	2605462.25
634398.85	2605511.71
634485.76	2605561.18
634572.66	2605610.65
634606.44	2605629.87
634691.95	2605681.72
634777.46	2605733.56
634862.97	2605785.41
634948.48	2605837.25

GARDEN CITY SETBACK LINE

635033.99	2605889.10
635119.50	2605940.94
635205.01	2605992.79
635290.52	2606044.63
635376.04	2606096.48
635461.55	2606148.32
635465.91	2606150.97
635547.53	2606208.74
635629.15	2606266.52
635710.78	2606324.29
635792.40	2606382.06
635874.02	2606439.84
635955.64	2606497.61
635983.36	2606517.23
636065.75	2606573.91
636148.13	2606630.59
636230.52	2606687.27
636312.90	2606743.95
636395.29	2606800.62
636477.68	2606857.30
636560.06	2606913.98
636642.45	2606970.66
636724.84	2607027.34
636741.74	2607038.97
636824.92	2607094.48
636908.10	2607149.98
636991.29	2607205.49
637074.47	2607260.99
637157.65	2607316.50
637240.83	2607372.00
637324.01	2607427.51
637407.19	2607483.01
637490.38	2607538.52
637573.56	2607594.02
637656.74	2607649.53
637739.92	2607705.03
637823.10	2607760.54
637906.28	2607816.04
637925.87	2607829.11
638005.63	2607889.42
638085.40	2607949.73
638165.16	2608010.05
638244.93	2608070.36
638324.69	2608130.67
638380.94	2608173.20
638463.22	2608230.03
638545.50	2608286.86
638627.79	2608343.69
638710.07	2608400.52
638792.35	2608457.35
638874.63	2608514.18
638956.92	2608571.01
639039.20	2608627.84
639121.48	2608684.67
639203.76	2608741.50
639286.05	2608798.33
639368.33	2608855.16

GARDEN CITY SETBACK LINE

639425.03	2608894.32
639504.29	2608955.29
639583.55	2609016.27
63962.81	2609077.24
639742.07	2609138.22
639821.33	2609199.19
639900.59	2609260.16
639956.39	2609303.09
640038.63	2609359.97
640120.88	2609416.86
640203.12	2609473.74
640285.37	2609530.63
640367.61	2609587.51
640449.86	2609644.39
640532.10	2609701.28
640614.35	2609758.16
640696.59	2609815.04
640778.84	2609871.93
640861.08	2609928.81
640904.40	2609958.77
640982.88	2610020.75
641061.36	2610082.72
641139.84	2610144.70
641218.32	2610206.68
641296.79	2610268.65
641375.27	2610330.63
641453.75	2610392.60
641532.23	2610454.58
641610.71	2610516.56
641689.19	2610578.53
641756.74	2610631.88
641837.59	2610690.73
641918.43	2610749.59
641999.28	2610808.44
642080.13	2610867.30
642160.97	2610926.15
642241.82	2610985.01
642322.67	2611043.86
642403.51	2611102.72
642484.36	2611161.57
642532.41	2611196.55
642613.49	2611255.08
642694.57	2611313.62
642775.64	2611372.15
642856.72	2611430.69
642937.80	2611489.22
643018.88	2611547.76
643099.96	2611606.29
643181.04	2611664.83
643262.11	2611723.36
643343.19	2611781.90
643424.27	2611840.43
643505.35	2611898.97
643586.43	2611957.50
643667.51	2612016.04
643748.58	2612074.57
643829.66	2612133.10

GARDEN CITY SETBACK LINE

643910.74	2612191.64
643991.82	2612250.17
644072.90	2612308.71
644153.98	2612367.24
644168.39	2612377.65
644247.07	2612439.37
644325.75	2612501.09
644404.43	2612562.81
644483.11	2612624.53
644561.79	2612686.25
644640.47	2612747.97
644719.15	2612809.69
644797.83	2612871.41
644869.15	2612927.36
644948.47	2612988.25
645027.80	2613049.14
645107.12	2613110.03
645186.44	2613170.93
645265.77	2613231.82
645345.09	2613292.71
645424.42	2613353.60
645503.74	2613414.49
645517.77	2613425.26
645597.93	2613485.05
645678.09	2613544.84
645758.25	2613604.62
645838.41	2613664.41
645918.56	2613724.20
645998.72	2613783.99
646078.88	2613843.77
646159.04	2613903.56
646239.20	2613963.35
646319.36	2614023.14
646399.52	2614082.93
646461.33	2614129.03

END

## **Appendix 2**

### **Monument Descriptions**

This appendix contains descriptions of all OCRM beach survey monuments in the area.

DATE : JULY 1991

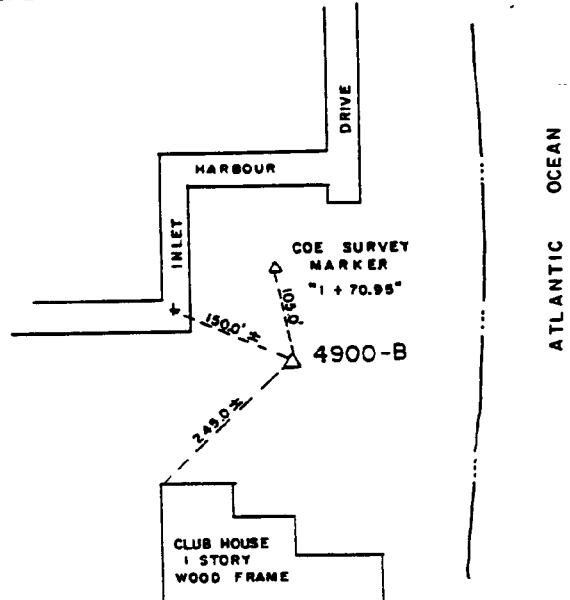
**SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY**

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4900 B 1990  
STATE : SOUTH CAROLINA COUNTY : GEORGETOWN  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°05'32".6 SCALE FACTOR : 0.9997964  
NORTHING : 624 454.40 FEET LAT : 33°32'02".13284  
EASTING : 2 600 312.02 FEET LONG : 79°01'46".54758  
ELEVATION (NGVD 29) 15.60 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4575 C	212°05'32".21	S 31°00'00"W	4469.11 FEET
4905	037°57'03".13	N 36°51'31"E	846.42 FEET

**DESCRIPTION :**  
LOCATED IN GARDEN CITY, INLET HARBOR  
SUBDIVISION, TO REACH FROM THE JUNCTION  
OF U.S. HWY. 17 BUSINESS & S-26-51  
(ATLANTIC AVE.). JUST NORTHWEST OF  
GARDEN CITY, GO EAST ON ATLANTIC AVE.  
FOR 1.04 MI TO A PAVED CROSSROAD  
(WACCAMAW DRIVE). TURN RIGHT AND GO  
SOUTH ALONG THE BEACH FOR 3.23 MI TO  
A SECURITY GUARD HOUSE. PASS THRU THE  
GATE AND CONTINUE SOUTH FOR 0.40 MI TO  
THE STATION ON THE LEFT AT A CURVE IN  
THE ROAD AND JUST AFTER THE PAVED ROAD  
ENDS.  
A STAINLESS STEEL ROD ENCASED IN 4" PVC  
PIPE. ACCESS TO DATUM POINT IS HAD THRU  
A 5-IN LOGO CAP.

## **SKETCH :**



DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

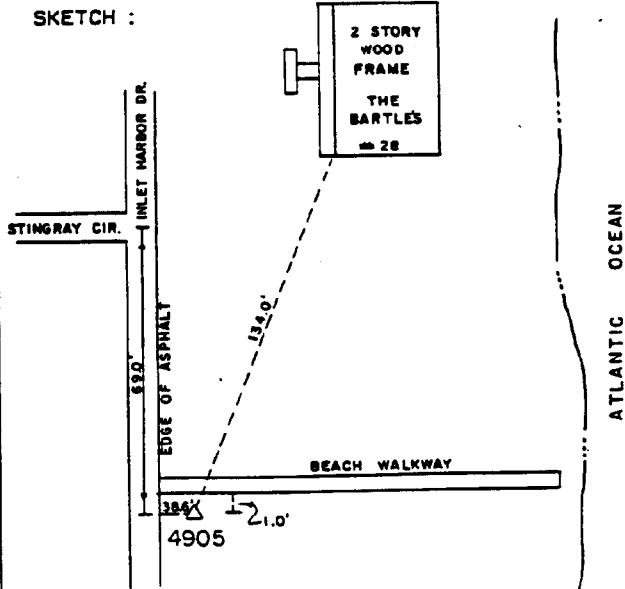
PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4905 1988  
STATE : SOUTH CAROLINA COUNTY : GEORGETOWN  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°05'36".0 SCALE FACTOR : 0.9997964  
NORTHING : 625.131.49 FEET LAT : 33°32'08".73575  
EASTING : 2.600.819.63 FEET LONG : 79°01'40".39830  
ELEVATION (NGVD 29) 8.99 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4900 B	217°57'06".54	S 36°51'31"W	846.42 FEET
4910	037°32'52".21	N 36°27'16"E	1429.28 FEET

DESCRIPTION :

LOCATED IN GARDEN CITY, IN THE INLET HARBOR SUBDIVISION, TO REACH FROM U.S. HWY. 17 BUSINESS AND S-26-51 (ATLANTIC AVE.). GO EAST ON ATLANTIC AVE. FOR 1.04 MI TO A PAVED ROAD (WACCAMAW DRIVE). TURN RIGHT AND GO SOUTH ALONG THE BEACH FOR 3.23 MI TO A SECURITY GUARD HOUSE. PASS THRU GATE AND CONTINUE SOUTH FOR 0.20 MI TO THE STATION ON THE LEFT. A STANDARD BRASS CAP SET ON TOP OF A 2-FT LONG 2-IN PVC PIPE INSIDE A 6-IN PVC PIPE SURROUNDED BY CONCRETE.

SKETCH :



DATE : JULY 1991

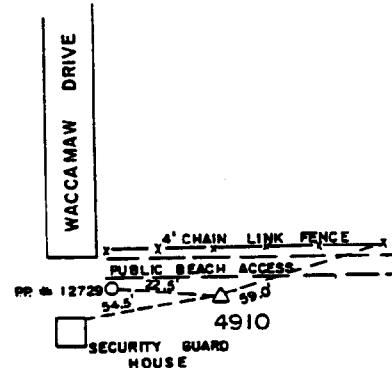
SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4910 1988  
STATE : SOUTH CAROLINA COUNTY : GEORGETOWN  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1° 05' 41".7 SCALE FACTOR : 0.9997962  
NORTHING : 626.280.87 FEET LAT : 33°32'19"94645  
EASTING : 2.601.668.71 FEET LONG : 79°01'30"10800  
ELEVATION (NGVD 29) 13.36 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4905	217°32'57".91	S 36°27'16"W	1429.28 FEET
4915	027°09'59".38	N 26°04'18"E	741.54 FEET

DESCRIPTION : LOCATED IN GARDEN CITY, IN THE INLET HARBOR SUBDIVISION. TO REACH FROM U.S. HWY. 17 BUSINESS & S-26-51 (ATLANTIC AVE) FOR 1.04 MI TO A PAVED CROSSROAD (WACCAMA W DRIVE). TURN RIGHT & GO SOUTH ALONG BEACH FOR 3.23 MI TO A SECURITY GUARD HOUSE & THE STATION ON THE LEFT BETWEEN TWO FENCES OUTSIDE THE SUBDIVISION.  
A STANDARD BRASS CAP SET ON TOP OF A 2-Ft LONG 2-IN PVC PIPE INSIDE A 6-IN PVC PIPE SURROUNDED BY CONCRETE.

SKETCH :



INLET HARBOUR  
SUBDIVISION

DATE : JULY 1991

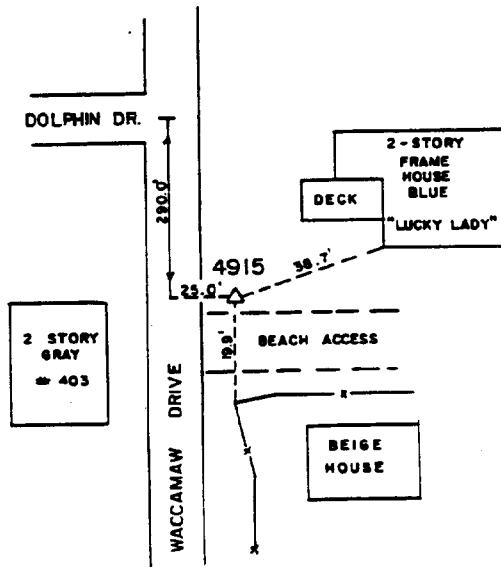
SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4915 1988  
STATE : SOUTH CAROLINA COUNTY : GEOGETOWN  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1° 05' 43".9 SCALE FACTOR : 0.9997962  
NORTHING : 626, 946, 82 FEET LAT : 33° 32' 26".47326  
EASTING : 2, 601, 994, 55 FEET LONG : 79° 01' 26".10808  
ELEVATION (NGVD 29) 10.46 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4910	207° 10' 01".59	S 26° 04' 18" W	741.54 FEET
4920	017° 21' 35".94	N 16° 15' 52" E	1252.34 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY. TO REACH FROM U.S. HWY. 17 BUSINESS & S-26-51 (ATLANTIC AVE.), GO EAST ON ATLANTIC AVE. FOR 1.04 MI TO A PAVED CROSSROAD (WACCAMA DRIVE), TURN RIGHT & GO SOUTH ALONG BEACH FOR 3.13 MI TO THE STATION ON THE LEFT.  
A STANDARD BRASS CAP SET ON TOP OF A 2-FT LONG 2-IN PVC PIPE INSIDE A 6-IN PVC PIPE INSIDE A 6-IN PVC PIPE SURROUNDED BY CONCRETE

SKETCH :



DATE : JULY 1991

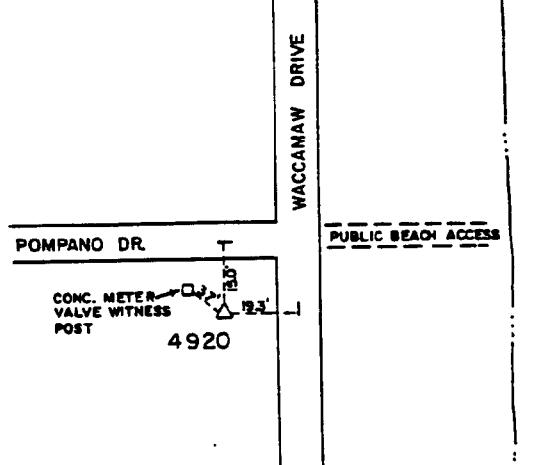
SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4920 1987  
STATE : SOUTH CAROLINA COUNTY : GEORGETOWN  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1° 05' 46".4 SCALE FACTOR : 0.9997960  
NORTHING : 628,148.80 FEET LAT : 33° 32' 38".29835  
EASTING : 2,602,345.22 FEET LONG : 79° 01' 21".69340  
ELEVATION (NGVD 29) 9.08 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4915	197° 21' 38".38	S 16° 15' 52"W	1252.34 FEET
4925	019° 33' 43".88	N 18° 27' 58"E	1249.58 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY. TO REACH FROM  
U.S. HWY. 17 BUSINESS & S-26-51 (ATLANTIC  
AVE.). GO EAST ON ATLANTIC AVE. FOR 1.04  
MI TO A PAVED CROSSROAD (WACCAMA DRIVE),  
TURN RIGHT & GO SOUTH ALONG BEACH FOR  
2.93 MI TO THE STATION ON THE RIGHT.  
A STANDARD BRASS CAP SET ON TOP OF A 2-FT  
LONG 2-IN PVC PIPE INSIDE A 6-IN PVC PIPE  
SURROUNDED BY CONCRETE.

SKETCH :



DATE : NOVEMBER 1998

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4920 B 1998  
STATE : SOUTH CAROLINA COUNTY : GEORGETOWN  
NAD 83-SINGLE ZONE SPC-CONVERGANCE : 1°05'46.40" SCALE FACTOR : 0.9997960  
NORTHING : 628,146.27 FEET LAT : 33°32'38.2853"  
EASTING : 2,602,342.02 FEET LONG : 79°01'21.6700"  
ELEVATION (NGVD '29) 8.60 FEET

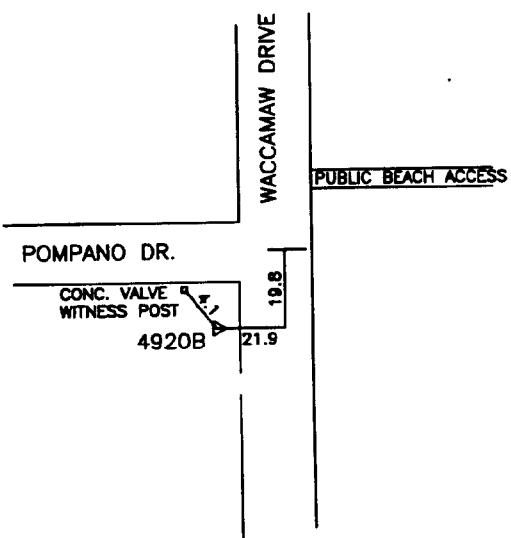
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4915	19°15'07.38"	S16°09'20.98"W	1248.76 FEET
4925	19°39'52.81"	N18°34'06.41"E	1252.74 FEET

DESCRIPTION :

LOCATED IN GARDEN CITY. TO REACH FROM U.S. HIGHWAY 17 BUSINESS & S-26-51 (ATLANTIC AVE.) GO EAST FOR 1.04 MI. TO A PAVED CROSSROAD (WACCAMAW DRIVE), TURN RIGHT AND GO SOUTH ALONG BEACH FOR 2.93 MI. TO THE STATION ON RIGHT

A STANDARD ALUMINUM CAP ATTACHED AND ENCASED IN A 6" PVC PIPE PROJECTING 6" ABOVE GRADE.

SKETCH :



DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

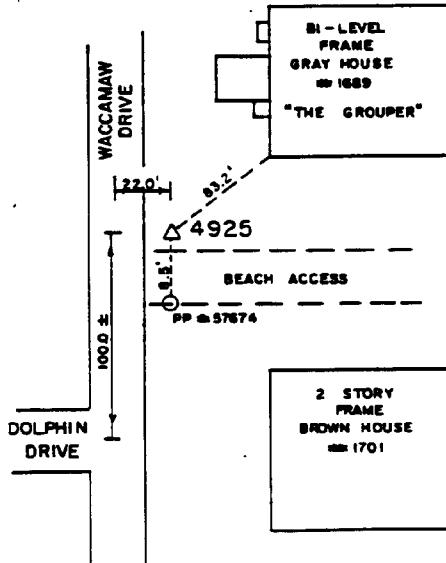
PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4925 1988  
STATE : SOUTH CAROLINA COUNTY : GEOGETOWN  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1° 05' 49" SCALE FACTOR : 0.9997959  
NORTHING : 629,333.80 FEET LAT : 33° 32' 49" 94689  
EASTING : 2,602,740.94 FEET LONG : 79° 01' 16" 75007  
ELEVATION (NGVD 29) 9.41 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4920	199° 33' 46.62	S 18° 27' 58" W	1249.58 FEET
4930	017° 10' 22.15	N 16° 04' 33" E	775.71 FEET

DESCRIPTION :

LOCATED IN GARDEN CITY. TO REACH FROM U.S. HWY. 17 BUSINESS & S-26-51 (ATLANTIC AVE.), GO EAST ON ATLANTIC AVE. FOR 1.04 MI TO A PAVED CROSSROAD (WACCAMAW DRIVE), TURN RIGHT & GO SOUTH ALONG BEACH FOR 2.58 MI TO THE STATION ON THE LEFT. A STANDARD BRASS CAP SET ON TOP OF A 2-Ft LONG 2-IN PVC PIPE INSIDE A 6-IN PVC PIPE SURROUNDED BY CONCRETE.

SKETCH :



ATLANTIC OCEAN

DATE : JULY 1991

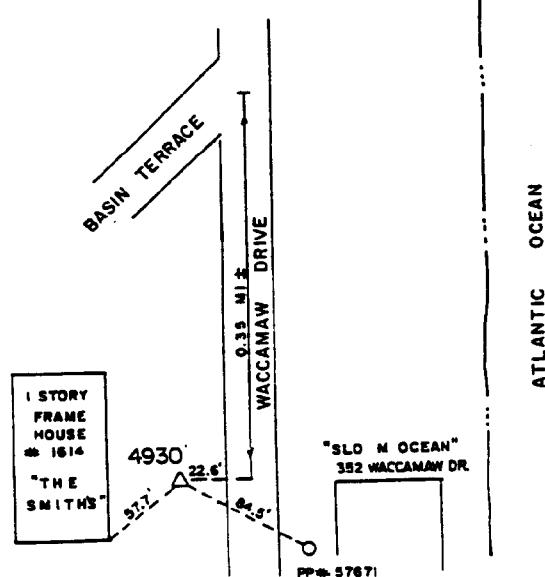
SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4930 1987  
STATE : SOUTH CAROLINA COUNTY : GEORGETOWN  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1° 05' 50".6 SCALE FACTOR : 0.9997958  
NORTHING : 630.079.02 FEET LAT : 33° 32' 57".27888  
EASTING : 2.602955.69 FEET LONG : 79° 01' 14".04401  
ELEVATION (NGVD 29) 9.50 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4925	197° 10' 23".65	S 16° 04' 33" W	775.71 FEET
4935	027° 07' 59".65	N 26° 02' 09" E	1103.63 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY. TO REACH FROM  
U.S. HWY. 17 BUSINESS & S-26-51 (ATLANTIC  
AVE.). GO EAST ON ATLANTIC AVE. FOR 1.04  
MI TO A PAVED CROSSROAD (WACCAMAW DRIVE),  
TURN RIGHT & GO SOUTH ALONG BEACH FOR  
2.44 MI TO THE STATION ON THE RIGHT.  
A STANDARD BRASS CAP SET ON TOP OF A 2-FT  
LONG 2-IN PVC PIPE INSIDE A 6-IN PVC PIPE  
SURROUNDED BY CONCRETE.

SKETCH :



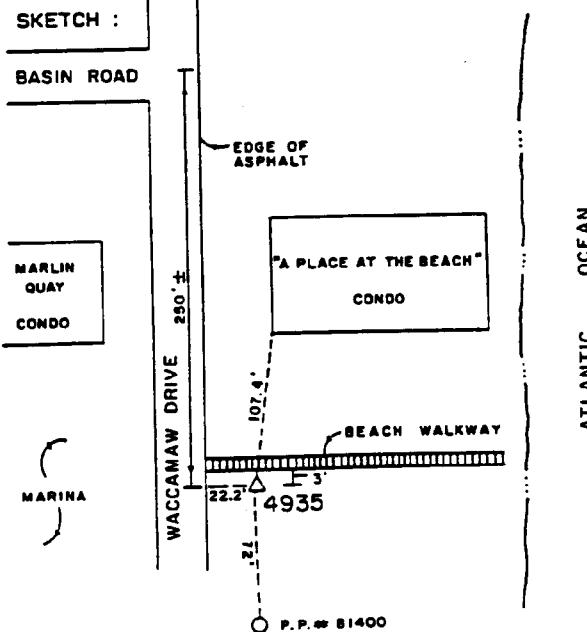
DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4935 1988  
STATE : SOUTH CAROLINA COUNTY : GEORGETOWN  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1° 05' 53" 9 SCALE FACTOR : 0.9997957  
NORTHING : 631.070.45 FEET LAT : 33° 33' 06.99553  
EASTING : 2.603.440.01 FEET LONG : 79° 01' 08.09694  
ELEVATION (NGVD 29) 9.03 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4930	207° 08' 02" 95	S 26° 02' 09" W	1103.63 FEET
4940 B	028° 45' 00" 89	N 27° 39' 07" E	1233.46 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY, TO REACH FROM JUNCTION OF U.S. HWY. 17 & S-26-51 (ATLANTIC AVE.), GO EAST ON ATLANTIC AVE. FOR 1.04 MI TO A PAVED CROSSROAD (WACCAMAWE DRIVE). TURN RIGHT AND GO SOUTH ALONG BEACH FOR 2.24 MI TO THE STATION ON THE LEFT.  
A STANDARD BRASS CAP SET ON TOP OF A 2-FT LONG 2-IN PVC PIPE INSIDE A 6-IN PVC PIPE SURROUNDED BY CONCRETE.



DATE : JULY 1991

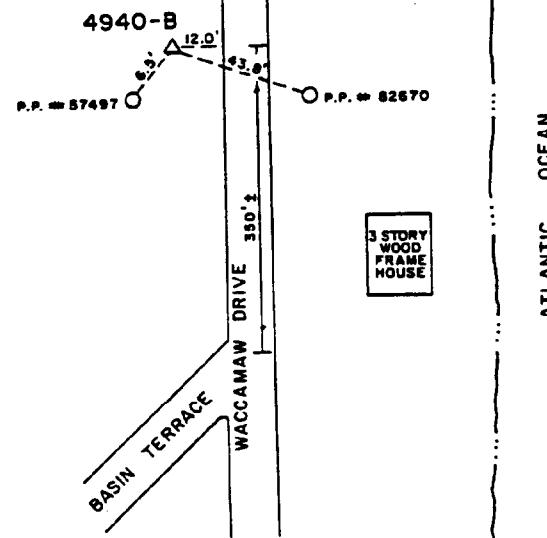
SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4940-B 1990  
STATE : SOUTH CAROLINA COUNTY : GEORGETOWN  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1° 05' 57.8" SCALE FACTOR : 0.9997956  
NORTHING : 632.162.80 FEET LAT : 33° 33' 17.69383  
EASTING : 2.604.012.34 FEET LONG : 79° 01' 01.08670  
ELEVATION (NGVD 29) 8.80 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4935	208° 45' 04.78	S 27° 39' 07" W	1233.46 FEET
4950	033° 55' 31.77	N 32° 49' 34" E	1884.60 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY. TO REACH FROM  
JUNCTION OF U.S. HWY. 17 & S-26-51  
(ATLANTIC AVE.). GO EAST ON ATLANTIC AVE.  
FOR 1.0 MI TO THE JUNCTION OF WACCAMAW  
DRIVE. TURN RIGHT AND GO SOUTHWEST FOR  
1.95 MI TO THE STATION ON THE RIGHT ON  
THE EAST SIDE OF POWER POLE 57497.  
A STANDARD BRASS CAP SET ON TOP OF A  
PREFABRICATED MARK IN CONCRETE AND  
ENCASED IN A 4-IN PVC PIPE WITH A  
SCREW CAP.

SKETCH :



DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

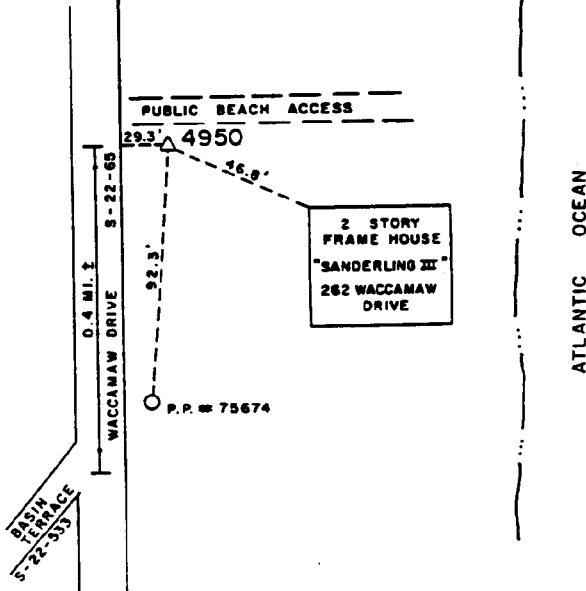
PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4950 1987  
STATE : SOUTH CAROLINA COUNTY : GEORGETOWN  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°06'04.7 SCALE FACTOR : 0.9997955  
NORTHING : 633.746.14 FEET LAT : 33°33'33.16409  
EASTING : 2.605.033.76 FEET LONG : 79°00'48.65776  
ELEVATION (NGVD 29) 7.56 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4940 B	213°55'38.66	S 32°49'34"W	1884.60 FEET
4955 B	032°03'34.74	N 30°57'30"E	1042.65 FEET

DESCRIPTION :

LOCATED IN GARDEN CITY, TO REACH FROM U.S. HWY. 17 BUSINESS & S-26-51 (ATLANTIC AVE.). GO EAST ON ATLANTIC AVE. FOR 1.04 MI TO A PAVED CROSSROAD (WACCAMAW DRIVE) TURN RIGHT AND GO ALONG BEACH FOR 1.54 MI TO THE STATION ON THE LEFT. A STANDARD BRASS CAP SET ON TOP OF A 2-FT LONG 2-IN PVC PIPE INSIDE A 6-IN PVC PIPE SURROUNDED BY CONCRETE.

SKETCH :



DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4955 B 1990  
STATE : SOUTH CAROLINA COUNTY : GEORGETOWN  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°06'08".3 SCALE FACTOR : 0.9997954  
NORTHING : 634,640.07 FEET LAT : 33°33'41".90591  
EASTING : 2,605,570.00 FEET LONG : 79°00'42".11781  
ELEVATION (NGVD 29) 8.46 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4950	212°03'38".37	S 30°57'30"W	1042.65 FEET
4960 B	033°34'52".87	N 32°28'45"E	1003.19 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY. TO REACH FROM  
JUNCTION OF U.S. HWY. 17 BUSINESS &  
S-26-51 (ATLANTIC AVE.). GO EAST ON  
ATLANTIC AVE. FOR 1.0 MI TO THE JUNCTION  
OF WACCAMAW DRIVE. TURN RIGHT AND GO  
SOUTHWEST FOR 1.35 MI TO THE STATION  
ON THE LEFT.  
A STANDARD BRASS CAP SET ON TOP OF A  
PREFABRICATED MARK IN CONCRETE AND  
ENCASED IN A 4-IN PVC PIPE WITH A  
SCREW CAP.

SKETCH :

STATION  
NOT  
RECOVERED

DATE : JANUARY 1992

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION

STATION NO. : SCCC 4955 C 1991

STATE : SOUTH CAROLINA COUNTY : GEORGETOWN

NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°06'08".3 SCALE FACTOR : 0.9997954

NORTHING : 634.638.69 FEET

LAT : 33°33'41".89263

EASTING : 2.605.567.85 FEET

LONG : 79°00'42".14348

ELEVATION (NGVD 29) 8.49 FEET

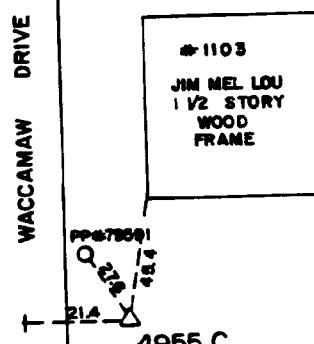
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4950	211°59'54".57	S 30°53'46" W	1040.36 FEET
4960 B	033°38'31".80	N 32°32'24" E	1005.51 FEET

DESCRIPTION :

LOCATED IN GARDEN CITY. TO REACH FROM JUNCTION OF U.S. HWY. 17 BUSINESS & S-26-51 (ATLANTIC AVE.), GO EAST ON ATLANTIC AVE. FOR 1.0 MI TO THE JUNCTION OF WACCAMAW DRIVE. TURN RIGHT & GO SOUTHWEST FOR 1.2 MI TO THE STATION ON THE LEFT.

A STANDARD BRASS CAP FIXED ON A 2-IN PVC PIPE ENCASED IN 4-IN PVC PIPE SURROUNDED BY CONCRETE.

SKETCH :



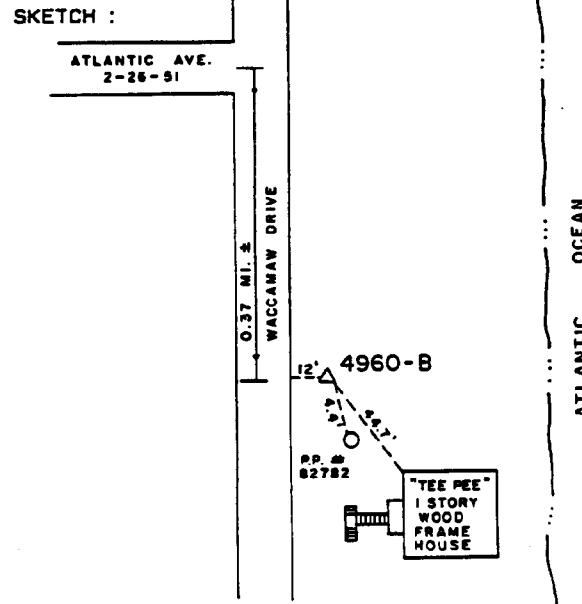
DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4960 B 1990  
STATE : SOUTH CAROLINA COUNTY : GEORGETOWN  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°06'12".0 SCALE FACTOR : 0.9997953  
NORTHING : 635.486.18 FEET LAT : 33°33'50".17407  
EASTING : 2.606.108.60 FEET LONG : 79°00'35".56058  
ELEVATION (NGVD 29) 7.44 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4955 B	213°34'56".51	S 32°28'45"W	1003.19 FEET
4965 B	035°53'34".05	N 34°47'22"E	634.44 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY, TO REACH FROM  
JUNCTION OF U.S. HWY. 17 BUSINESS &  
S-26-51 (ATLANTIC AVE.), GO EAST ON  
ATLANTIC AVE. FOR 1.0 MI TO THE JUNCTION  
OF WACCAMAW DRIVE, TURN RIGHT AND GO  
SOUTHWEST FOR 1.15 MI TO THE STATION ON  
THE LEFT ON THE NORTH SIDE OF POWER POLE  
82782.  
A STANDARD BRASS CAP SET ON TOP OF A  
PREFABRICATED MARK IN CONCRETE AND ENCASED  
IN A 4-IN PVC PIPE WITH A SCREW CAP.



DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. SCCC 4965 B 1990  
STATE : SOUTH CAROLINA COUNTY : GEORGETOWN  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°06'14".4 SCALE FACTOR : 0.9997953  
NORTHING : 636.007.11 FEET LAT : 33°33'55.25875  
EASTING : 2.606.470.51 FEET LONG : 79°00'31.16506  
ELEVATION (NGVD 29) 9.73 FEET

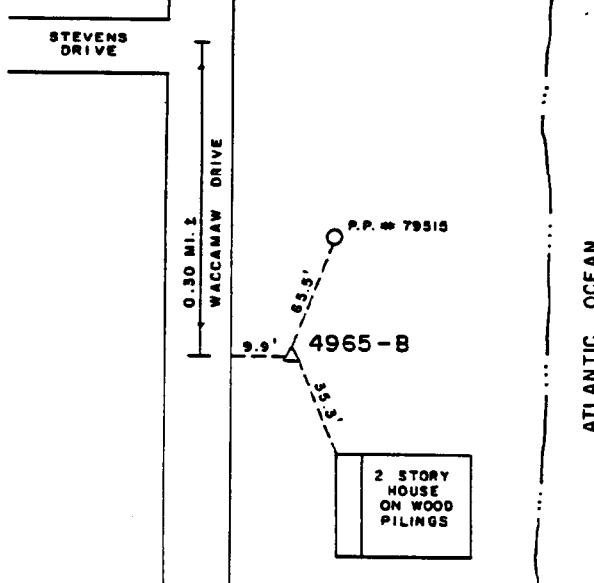
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4960 B	215°53'36".48	S 34° 47' 22"W	634.44 FEET
4970	032°50'34".77	N 31° 44' 20"E	922.98 FEET

DESCRIPTION :

LOCATED IN GARDEN CITY, TO REACH FROM JUNCTION OF U.S. HWY. 17 BUSINESS & S-26-51 (ATLANTIC AVE.). GO EAST ON ATLANTIC AVE. FOR 1.0 MI TO THE JUNCTION OF WACCAMAW DRIVE, TURN RIGHT AND GO SOUTHWEST FOR 1.04 MI TO THE STATION ON THE LEFT.

A STANDARD BRASS CAP SET ON TOP OF A PREFABRICATED MARK IN CONCRETE AND ENCASED IN A 4-IN PVC PIPE WITH A SCREW CAP.

SKETCH :



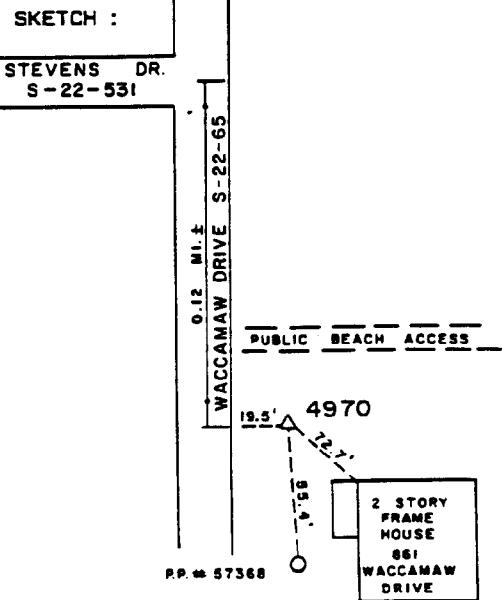
DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4970 1987  
STATE : SOUTH CAROLINA COUNTY : GEORGETOWN  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°06'17.7 SCALE FACTOR : 0.9997952  
NORTHING : 636.791.90 FEET LAT : 33°34'02.93029  
EASTING : 2.606.955.94 FEET LONG : 79°00'25.24946  
ELEVATION (NGVD 29) 8.52 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4965 B	212°50'38.05	S 31°44'20"W	922.98 FEET
4975	039°03'17.30	N 37°57'00"E	1431.03 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY, TO REACH FROM  
THE JUNCTION OF U.S. HWY. 17 & S-26-51  
(ATLANTIC AVE.) WEST OF GARDEN CITY,  
GO EAST ON ATLANTIC AVE. FOR 1.04 MI  
TO THE JUNCTION OF WACCAMAW DRIVE, TURN  
RIGHT ON WACCAMAW DRIVE FOR 0.85 MI TO  
THE STATION ON THE LEFT.  
A STANDARD BRASS CAP SET ON TOP OF A  
2-FT LONG 2-IN PVC PIPE INSIDE A 6-IN  
PVC PIPE SURROUNDED BY CONCRETE.



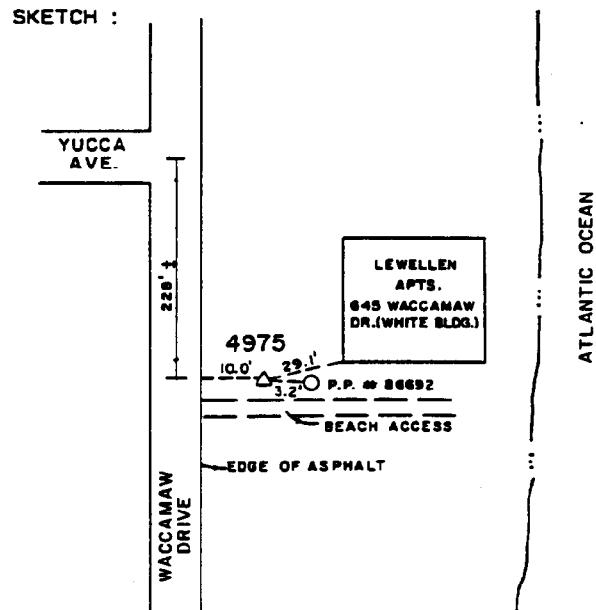
DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4975 88  
STATE : SOUTH CAROLINA COUNTY : GEORGETOWN  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°06'23".6 SCALE FACTOR : 0.9997951  
NORTHING : 637.920.11 FEET LAT : 33°34'13".92387  
EASTING : 2.607.835.81 FEET LONG : 79°00'14".59374  
ELEVATION (NGVD 29) 7.28 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4970	219°03'23".21	S 37°57'00"W	1431.03 FEET
4980	036°17'27".45	N 35°11'04"E	570.13 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY, TO REACH FROM  
THE JUNCTION OF U.S. HWY. 17 BUSINESS &  
S-26-51 (ATLANTIC AVE.). GO EAST ON  
ATLANTIC AVE. FOR 1.04 MI TO THE JUNCTION  
OF WACCAMAWE DRIVE. TURN RIGHT ON WACCAMAWE  
DRIVE FOR 0.55 MI TO THE STATION ON  
THE LEFT NEXT TO A CONCRETE PARKING  
AREA AND HOUSE NO. 110, NAMED MADAME  
BUTTERFLY.  
A STANDARD BRASS CAP SET ON TOP OF A  
2-FT LONG 2-IN PVC PIPE INSIDE A 6-IN  
PVC PIPE SURROUNDED BY CONCRETE.



DATE : JULY 1991

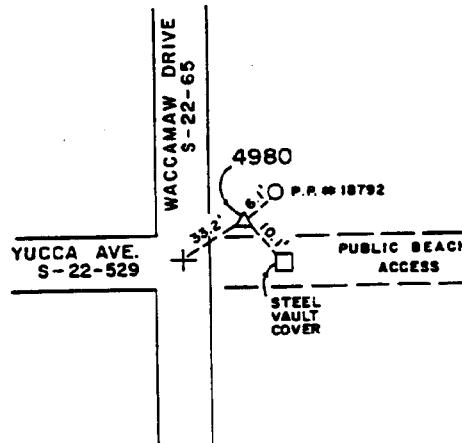
SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4980 1987  
STATE : SOUTH CAROLINA COUNTY : GEORGETOWN  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°06'25".8 SCALE FACTOR : 0.9997951  
NORTHING : 638.385.98 FEET LAT : 33°34'18".47002  
EASTING : 2.608.164.26 FEET LONG : 79°00'10".60565  
ELEVATION (NGVD 29) 8.18 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4975	216°17'29".66	S 35°11'04"W	570.13 FEET
4999 B	036°34'33".21	N 35°28'07"E	1269.82 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY, TO REACH FROM  
JUNCTION OF U.S. HWY. 17 BUSINESS &  
S-26-51 (ATLANTIC AVE.), GO EAST ON  
ATLANTIC AVE. FOR 1.04 MI TO THE  
JUNCTION OF WACCAMAWE DRIVE. TURN RIGHT  
(SOUTH) ON WACCAMAWE DRIVE FOR 0.45 MI TO  
THE JUNCTION OF YUCCA AVE. ON THE RIGHT &  
THE STATION ON THE LEFT.  
A STANDARD BRASS CAP SET ON TOP OF A 2-FT  
LONG 2-IN PVC PIPE INSIDE A 6-IN PVC PIPE  
SURROUNDED BY CONCRETE.

SKETCH :



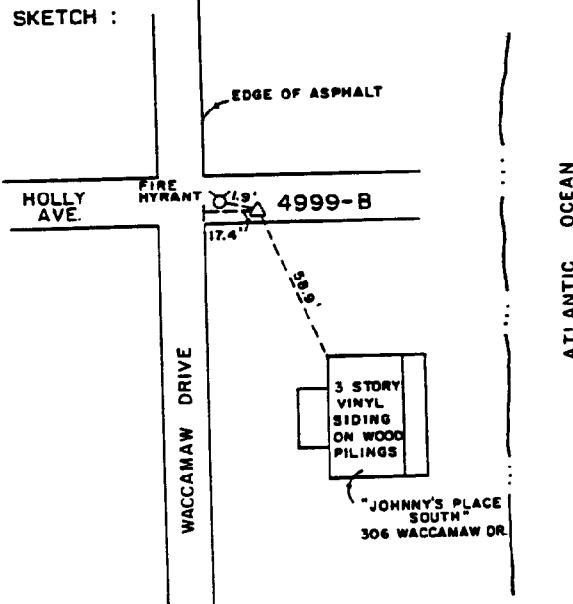
DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4999 B 1988  
STATE : SOUTH CAROLINA COUNTY : HORRY  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°06'30".8 SCALE FACTOR : 0.9997950  
NORTHING : 639,419.95 FEET LAT : 33°34'28.55631  
EASTING : 2,608,900.93 FEET LONG : 79°00'01.66285  
ELEVATION (NGVD 29) 7.98 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4980	216°34'38".16	S 35°28'07"W	1269.82 FEET
5000 B	030°48'09".75	N 29°41'39"E	667.20 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY. TO REACH FROM  
JUNCTION U.S. HWY. 17 BUSINESS & S-26-51  
(ATLANTIC AVE.) IN GARDEN CITY. GO  
SOUTHEAST ON ATLANTIC AVE. FOR 1.0 MI TO  
WACCAMAW DRIVE. TURN RIGHT & GO SOUTHWEST  
ON WACCAMAW DRIVE FOR 0.16 MI TO THE  
STATION ON THE LEFT.  
A STANDARD BRASS CAP SET ON TOP OF A  
PREFABRICATED BERNSTEN BREAKAWAY MONUMENT  
ENCASED IN A PVC PIPE.



DATE : JULY 1991

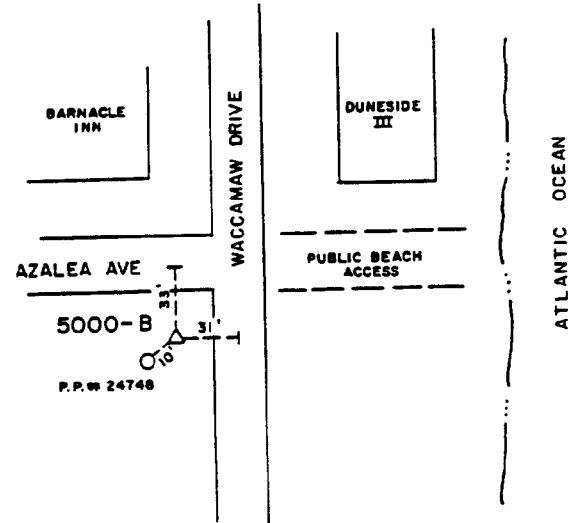
SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 5000-B 1990  
STATE : SOUTH CAROLINA COUNTY : HORRY  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°06'33".0 SCALE FACTOR : 0.9997950  
NORTHING : 639,999.41 FEET LAT : 33°34'34".22779  
EASTING : 2,609,231.37 FEET LONG : 78°59'57".62478  
ELEVATION (NGVD 29) 6.25 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4999 B	210°48'11".98	S 29°41'39"W	667.20 FEET
5005 B	038°29'16".03	N 37°22'43"E	1160.66 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY, TO REACH FROM THE JUNCTION OF U.S. HWY. 17 BUSINESS & S-26-51 (ATLANTIC AVE.) IN GARDEN CITY, GO SOUTHEAST ON ATLANTIC AVE. 1.0 MI TO THE JUNCTION OF WACCAMAW DRIVE. TURN RIGHT & GO SOUTHWEST FOR 0.10 MI TO THE STATION ON THE RIGHT JUST PAST AZALEA AVE A STANDARD BRASS CAP SET ON TOP OF A 2-FT LONG 2-IN PVC PIPE INSIDE A 6-IN PVC PIPE SURROUNDED BY CONCRETE

SKETCH :



DATE : JULY 1991

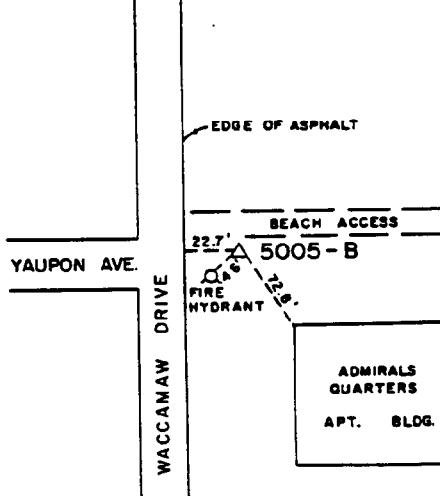
SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. :SCCC 5005 B 1990  
STATE : SOUTH CAROLINA COUNTY : HORRY  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1° 06' 37".7 SCALE FACTOR : 0.9997949  
NORTHING : 640.921.53 FEET LAT : 33° 34' 43".21546  
EASTING : 2.609.935.84 FEET LONG : 78° 59' 49".08733  
ELEVATION (NGVD 29) 6.26 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
5000 B	218° 29' 20".76	S 37° 22' 43"W	1160.66 FEET
5010 B	034° 35' 12".80	N 33° 28' 35"E	1083.65 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY, TO REACH FROM  
THE JUNCTION OF U.S. HWY. 17 & S-26-51  
(ATLANTIC AVE.). GO EAST ON ATLANTIC AVE.  
1.0 MI TO WACCAMAW DRIVE, TURN LEFT ON  
WACCAMAW DRIVE FOR 0.16 MI TO THE STATION  
ON THE RIGHT, ACROSS DRIVE FROM SOUTH  
CORNER OF THREE-STORY GARDEN SANDS  
APARTMENT BUILDING.  
A STANDARD BRASS CAP SET ON TOP OF A  
PREFABRICATED ALUMINUM PIPE EMBEDDED IN  
CONCRETE, & SURROUNDED BY A 4-IN PVC PIPE.

SKETCH :



DATE: APRIL, 1995

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT: SCCC SURVEY MONUMENTATION

STATION NO.: SCCC 5005 B 1990

STATE: SOUTH CAROLINA COUNTY: HORRY

NAD 83 - SINGLE ZONE SPC - CONVERGENCE: 1°06'37.7"

SCALE FACTOR: 0.9997949

NORTHING: 640.921.53 FEET

LONG: 33°34'43.21546"

EASTING: 2,609,935.84 FEET

LAT: 78°59'49".08733"

ELEVATION (NGVD 29): 6.26 FEET

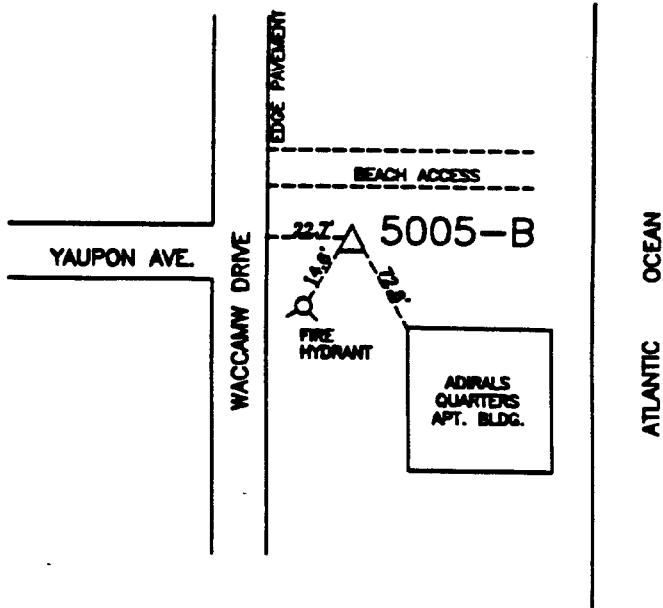
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
5000 B	218°29'21"	S 37°22'43"W	1160.66 FEET
5010 C	034°22'44"	N 33°16'06"E	1083.10 FEET

DESCRIPTION:

LOCATED IN GARDEN CITY, TO REACH FROM THE JUNCTION OF U.S. HWY. 17 & S-26-51 (ATLANTIC AVE.), GO EAST ON ATLANTIC AVE. 1.0 MI. TO WACCAMAW DRIVE, TURN LEFT ON WACCAMAW DRIVE FOR 0.16 MI. TO THE STATION ON THE RIGHT, ACROSS DRIVE FROM SOUTH CORNER OF THREE-STORY GARDEN SANDS APARTMENT BUILDING.

A STANDARD BRASS CAP SET ON TOP OF A PREFABRICATED ALUMINUM PIPE EMBEDDED IN CONCRETE AND SURROUNDED BY A 4" PVC PIPE.

SKETCH:



DATE : JULY 1991

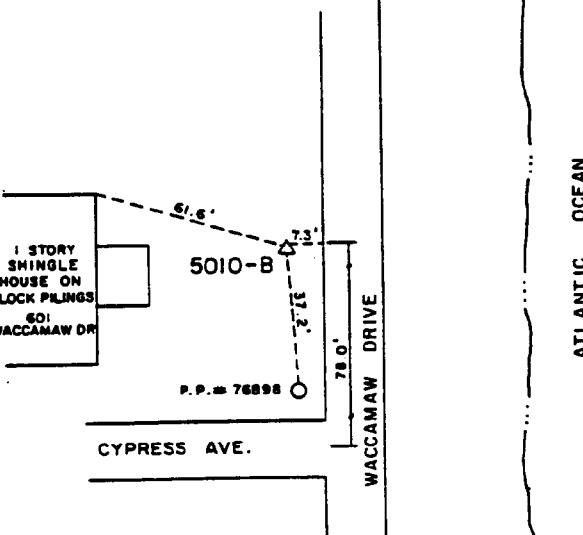
SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 5010 B 1990  
STATE : SOUTH CAROLINA COUNTY : HORRY  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°06'41".8 SCALE FACTOR : 0.9997948  
NORTHING : 641.825.23 FEET LAT : 33°34'52"04126  
EASTING : 2.610.533.45 FEET LONG : 78°59'41".81664  
ELEVATION (NGVD 29) 6.13 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
5005 B	214°35'16":83	S 33°28'35"W	1083.65 FEET
5015	032°26'37":37	N 31°19'56"E	952.66 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY, TO REACH FROM  
THE JUNCYION OF U.S. HWY. 17 BUSINESS &  
S-26-51 (ATLANTIC AVE.), GO EAST ON  
ATLANTIC AVE. 1.0 MI TO WACCAMAW DRIVE,  
TURN LEFT ON WACCAMAW DRIVE FOR 0.34 MI  
TO THE THREE-STORY WHISPERING SANDS  
APARTMENTS & STATION ON THE LEFT.  
A STANDARD BRASS CAP SET IN A DRILL HOLE  
ON THE NORTHWEST SIDE OF THE CONCRETE  
FOUNDATION AROUND A MANHOLE COVER.

SKETCH :



DATE: MARCH, 1995

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT: SCCC SURVEY MONUMENTATION

STATION NO.: SCCC 5010 C 1995

STATE: SOUTH CAROLINA COUNTY: HORRY

NAD 83 - SINGLE ZONE SPC - CONVERGENCE: 1°06'41.8"

SCALE FACTOR: 0.9997948

NORTHING: 641.827.12 FEET

LONG: 33°34'52.06061"

EASTING: 2.610.529.98 FEET

LAT: 78°59'41.85716"

ELEVATION (NGVD 29): 5.64 FEET

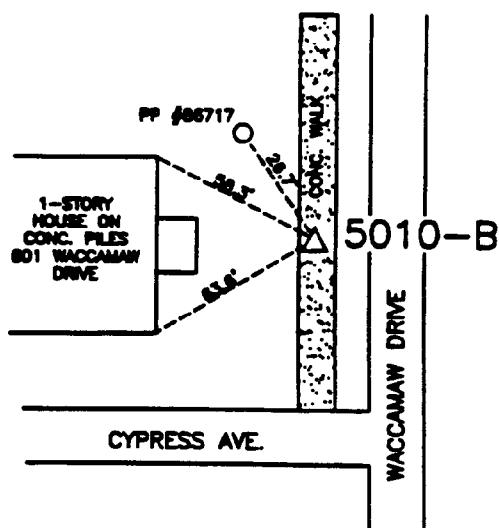
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
5005 B	214°22'48"	S 35°16'06"W	1083.10 FEET
5015	032°40'51"	N 31°34'09"E	952.67 FEET

DESCRIPTION:

LOCATED IN GARDEN CITY, TO REACH FROM THE JUNCTION OF U.S. HWY. 17 BUSINESS & S-26-51 (ATLANTIC AVE.), GO EAST ON ATLANTIC AVE. 1.0 MI. TO WACCAMAW DRIVE, TURN LEFT ON WACCAMAW DRIVE FOR 0.34 MI. TO THE THREE STORY WHISPERING SANDS APARTMENTS & STATION ON THE LEFT.

A STANDARD BRASS CAP SET IN A DRILL HOLE ON THE NORTHWEST SIDE OF THE CONCRETE FOUNDATION AROUND A MANHOLE COVER.

SKETCH:



ATLANTIC OCEAN

**SC DHEC - OCRM**  
**CONTROL SURVEYS**  
**THIRD-ORDER, CLASS I HORIZONTAL - THIRD-ORDER VERTICAL**

PROJECT: SC BEACH MONITORING BASELINE STATION NO.: 5010-D 2002

STATE: SOUTH CAROLINA COUNTY: HORRY EST. BY: ETS, INC.

NAD B3 - SINGLE ZONE SPC - MAPPING ANGLE: 01° 06' 41.791" SCALE FACTOR: 0.9997948

HORIZONTAL ORIGIN: 5030 VERTICAL ORIGIN: 5030

NORTHING: 641852.317 Ft. EASTING: 2610538.262 Ft.

LATITUDE: 33° 34' 52.308" LONGITUDE: 78° 59' 41.754"

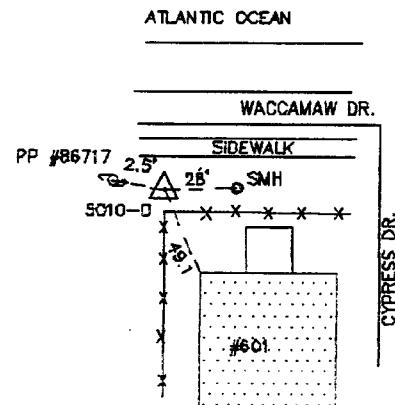
ELEVATION (NGVD 29) 6.67 FEET M.S.L. DATE: NOVEMBER 2002

OBJECT	GEODETIC AZIMUTH	GRID BEARING	HORIZONTAL DISTANCE
5030	217° 58' 28"	S. 36° 51' 46" W.	3850.425 FT.

DESCRIPTION

Located in Garden City. To reach from the intersection of US Highway 17 Business and S-26-51 (Atlantic Avenue), go east on Atlantic Avenue 1.0 miles to Waccamaw Drive. Turn left on Waccamaw Drive for 0.34 miles to the three (3) story Whispering Sands Apartments and station on the left.

A standard brass cap set on top of a 2 foot long 2-inch PVC pipe inside a 6-inch PVC pipe surrounded by concrete.



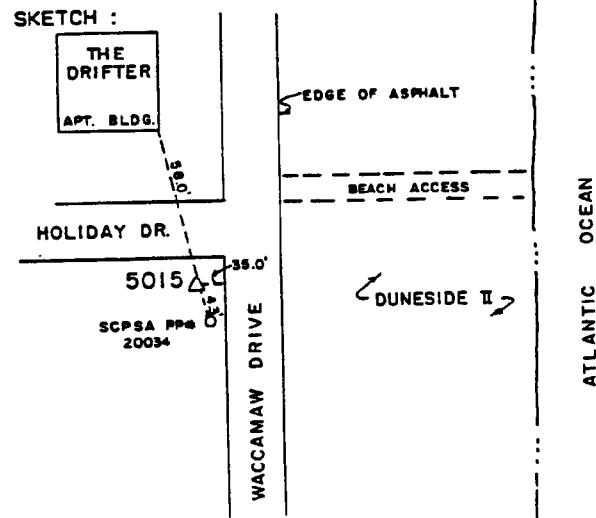
DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 5015 1988  
STATE : SOUTH CAROLINA COUNTY : HORRY  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1° 06' 45" I SCALE FACTOR : 0.9997948  
NORTHING : 642,638.80 FEET LAT : 33° 34' 59" 99486  
EASTING : 2,611,028.73 FEET LONG : 78° 59' 35" 77581  
ELEVATION (NGVD 29) 7.36 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
5010 B	212° 26' 40".72	S 31° 19' 56" W	952.66 FEET
5020	42° 00' 20".51	N 40° 53' 35" E	1083.14 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY. TO REACH FROM  
U.S. HWY. 17 BUSINESS & ATLANTIC AVE., GO  
GO EAST ON ATLANTIC AVE. 1.0 MI TO  
WACCAMAW DRIVE. TURN LEFT ON WACCAMAW  
DRIVE FOR 0.52 MI TO THE STATION ON THE  
LEFT.  
A STANDARD BRASS CAP SET ON TOP OF A 2-FT  
LONG 2-IN PVC PIPE INSIDE A 6-IN PVC  
SURROUNDED BY CONCRETE.



DATE: APRIL, 1995

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT: SCCC SURVEY MONUMENTATION

STATION NO.: SCCC 5015 1988

STATE: SOUTH CAROLINA COUNTY: HORRY

NAD 83 - SINGLE ZONE SPC - CONVERGENCE: 1°06'45.1"

SCALE FACTOR: 0.9997948

NORTHING: 642,638.80 FEET

LONG: 35°34'59.99486"

EASTING: 2,611,028.73 FEET

LAT: 78°59'35.77581"

ELEVATION (NGVD 29): 7.36 FEET

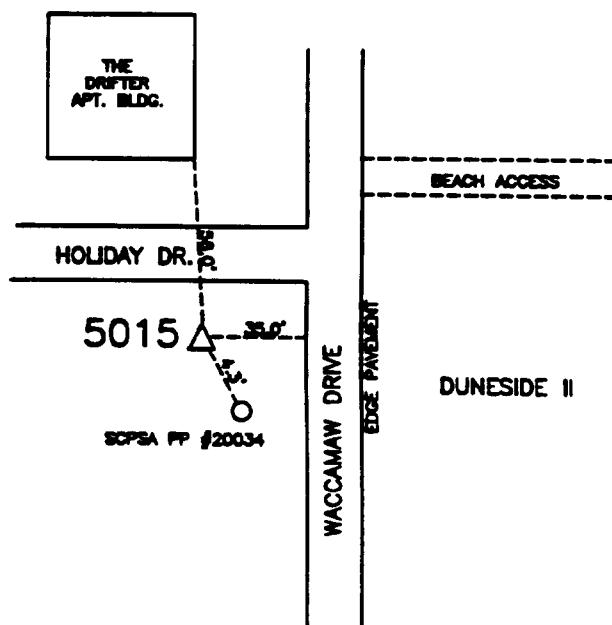
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
5010 C	212°40'54"	S 31°34'09"W	952.67 FEET
5020 A	042°11'23"	N 41°04'33"E	1035.57 FEET

DESCRIPTION:

LOCATED IN GARDEN CITY, TO REACH FROM U.S. HWY. 17 BUSINESS & ATLANTIC AVE., GO EAST ON ATLANTIC AVE. 1.0 MI. TO WACCAMAWE DRIVE, TURN LEFT ON WACCAMAWE DRIVE FOR 0.52 MI. TO THE STATION ON THE LEFT.

A STANDARD BRASS CAP SET ON TOP OF A 2' LONG 2" PVC PIPE INSIDE A 6" PVC PIPE SURROUNDED BY CONCRETE.

SKETCH:



DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. :SCCC 5020 1987  
STATE : SOUTH CAROLINA COUNTY : HORRY  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°06'49".9 SCALE FACTOR : 0.9997947  
NORTHING : 643,457.40 FEET LAT : 33°35'07".85720  
EASTING : 2,611,737.66 FEET LONG : 78°59'27".20807  
ELEVATION (NGVD 29) FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
5015	222°00'25".26	S 40°53'35"W	1083.13 FEET
5025 B	035°06'58".62	N 34°00'09"E	954.90 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY. TO REACH FROM  
THE INTERSECTION OF U.S. HWY. 17 BUSINESS  
& SURFSIDE DRIVE (HEADING SOUTHEAST). GO  
SOUTHEAST ON SURFSIDE DRIVE FOR 1.1 MI TO  
OCEAN BOULEVARD. TURN RIGHT ON OCEAN  
BOULEVARD FOR 1.09 MI TO GARDEN CITY CITY  
LIMITS (OCEAN BLVD. CHANGES TO WACCAMA  
DRIVE). CONTINUE AHEAD FOR 0.70 MI TO  
ROYAL GARDEN RESORT & THE STATION ON THE  
LEFT AT THE NORTHWEST CORNER OF THE  
BUILDING.  
A STANDARD BRASS CAP SET ON TOP OF A 2-FT  
LONG 2-IN PVC PIPE INSIDE A 6-IN PVC PIPE  
SURROUNDED BY CONCRETE.

SKETCH :

STATION  
NOT  
RECOVERED

DATE : JANUARY 1992

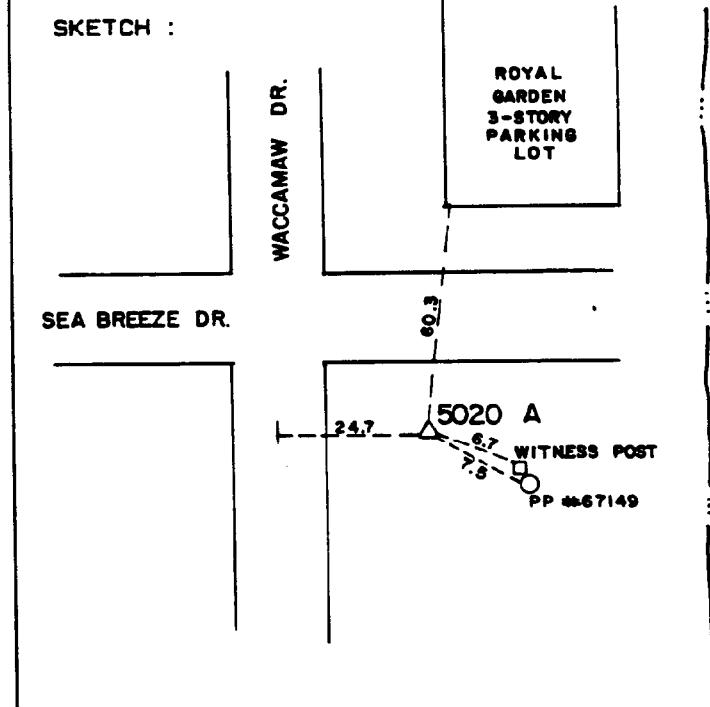
SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 5020 A 1991  
STATE : SOUTH CAROLINA COUNTY : HORRY  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°06'49"7 SCALE FACTOR : 0.9997947  
NORTHING : 643.419.29 FEET LAT : 33°35'07.58559  
EASTING : 2.611.709.01 FEET LONG : 78°59'27.55542  
ELEVATION (NGVD 29) 8.03 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
5015	222°11'22".73	S 41°04'33"W	1035.57 FEET
5025 B	035°15'18".40	N 34°08'29"E	1002.53 FEET

DESCRIPTION :

LOCATED IN GARDEN CITY. TO REACH FROM THE INTERSECTION OF U.S. HWY. 17 BUSINESS & SURFSIDE DRIVE. GO SOUTHEAST ON SURFSIDE DRIVE FOR 1.1 MI TO OCEAN BOULEVARD. TURN RIGHT ON OCEAN BOULEVARD FOR 1.09 MI TO GARDEN CITY CITY LIMITS (OCEAN BLVD. CHANGES TO WACCAMAW DR.). CONTINUE AHEAD FOR 0.70 MI TO ROYAL GARDEN RESORT & THE STATION ON THE LEFT AT THE SOUTHWEST CORNER OF THE BUILDING. A STANDARD BRASS CAP FIXED ON A 2-IN PVC PIPE ENCASED IN 4-IN PVC PIPE SURROUNDED BY CONCRETE.



DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

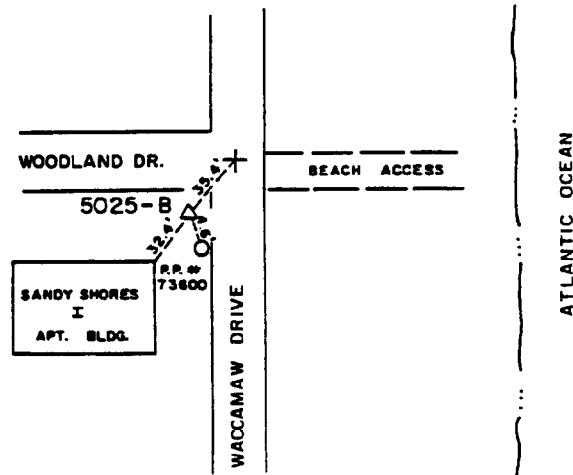
PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 5025 B 1990  
STATE : SOUTH CAROLINA COUNTY : MORRY  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1° 06' 53".5 SCALE FACTOR : 0.9997947  
NORTHING : 644.248.87 FEET LAT : 33° 35' 15".68452  
EASTING : 2.612.271.56 FEET LONG : 78° 59' 20".71514  
ELEVATION (NGVD 29) 8.05 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
5030	041° 14' 35".75	N 40° 07' 42"E	894.05 FEET

DESCRIPTION :

LOCATED IN GARDEN CITY. TO REACH FROM THE JUNCTION OF U.S. HWY. 17 BUSINESS & S-26-51 (ATLANTIC AVE.). GO EAST ON ATLANTIC AVE. 1.0 MI TO WACCAMAW DRIVE. TURN LEFT ON WACCAMAW DRIVE FOR 0.93 MI TO THE JUNCTION OF S-26-71 (WOODLAND DRIVE) & THE STATION ON THE LEFT AT THE MIDDLE ONE OF FIVE BLUE THREE-STORY SANDY SHORES APARTMENT BUILDINGS. A STANDARD BRASS CAP SET ON TOP OF A PREFABRICATED ALUMINUM PIPE EMBEDDED IN CONCRETE. SURROUNDED BY A 4-IN PVC PIPE.

SKETCH :



DATE : JULY, 1993

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO.  
STATE : SOUTH CAROLINA AND YEAR  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°06'53".5 SCALE FACTOR : 0.9997947  
NORTHING : 644, 241.27 FEET LAT : 33°35'15".609  
EASTING : 2, 612, 271.58 FEET LONG : 78°59'20".717  
ELEVATION (NGVD 29) 7.39 FEET

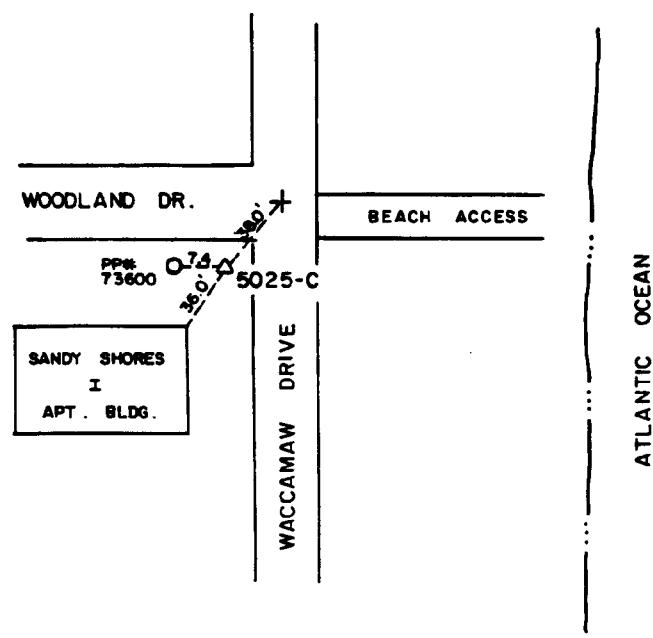
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
5030	040°55'49.44"	N 39°48'54"E	899.86 FEET

DESCRIPTION :

LOCATED IN GARDEN CITY, TO REACH FROM THE JUNCTION OF U.S. HWY. 17 BUSINESS AND S-26-51 (ATLANTIC AVE.). GO EAST ON ATLANTIC AVE. 1.0 MI TO WACCAMAW DRIVE, TURN LEFT ON WACCAMAW DRIVE FOR 0.93 MI TO THE JUNCTION OF S-26-71 (WOODLAND DRIVE) & THE STATION ON THE LEFT AT THE MIDDLE ONE OF FIVE BLUE THREE-STORY SANDY SHORES APARTMENT BUILDINGS.

A STANDARD BRASS CAP SET ON TOP OF A PREFABRICATED PLASTIC PIPE EMBEDDED IN CONCRETE, SURROUNDED BY A 4-IN PVC PIPE.

SKETCH :



DATE : JULY 1991

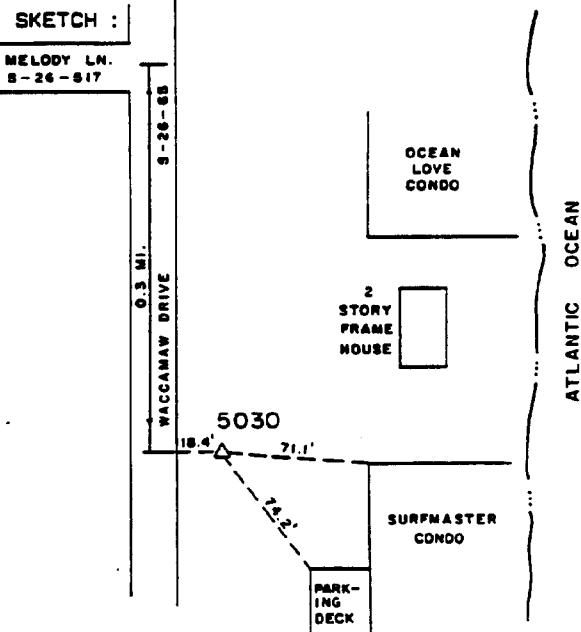
SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 5030 1987  
STATE : SOUTH CAROLINA COUNTY : Horry  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°06'57"3 SCALE FACTOR : 0.9997946  
NORTHING : 644 932.32 FEET LAT : 33°35'22"33503  
EASTING : 2 612 847.65 FEET LONG : 78°59'13"74790  
ELEVATION (NGVD 29) 8.95 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
5025 B	221°14'39".61	S 40°07'42"W	894.05 FEET
5035	039°39'05".53	N 38°32'08"E	813.08 FEET

DESCRIPTION :

LOCATED IN GARDEN CITY. TO REACH FROM THE JUNCTION OF U.S. HWY. 17 BUSINESS & S-26-51 (ATLANTIC AVE.), GO EAST ON ATLANTIC AVE. 1.0 MI TO WACCAMAW DRIVE. TURN LEFT ON WACCAMAW DRIVE FOR 1.10 MI TO STATION ON RIGHT AT SURFMASTER CONDOMINIUM. A STANDARD BRASS CAP SET ON TOP OF A 2-FT LONG 2-IN PVC PIPE INSIDE A 6-IN PVC PIPE SURROUNDED BY CONCRETE."



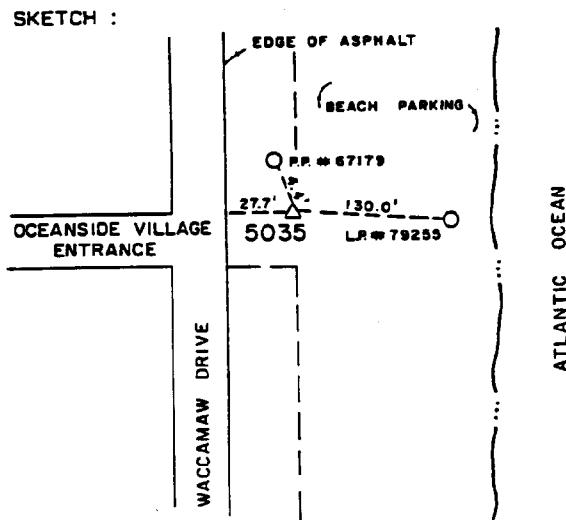
DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL  
CONTROL SURVEYS  
GARDEN CITY

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 5035 1988  
STATE : SOUTH CAROLINA COUNTY : HORRY  
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°07'00".7 SCALE FACTOR : 0.9997946  
NORTHING : 645,568.20 FEET LAT : 33°35'28".52824  
EASTING : 2,613,354.10 FEET LONG : 78°59'07".61470  
ELEVATION (NGVD 29) 10.93 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
5030	219°39'08".93	S 38°32'08"W	813.08 FEET
5100	035°06'21".27	N 33°59'21"E	1174.89 FEET

DESCRIPTION :  
LOCATED IN GARDEN CITY. TO REACH FROM THE JUNCTION OF U.S. HWY. 17 BUSINESS & S-26-51 (ATLANTIC AVE.). GO EAST ON ATLANTIC AVE. 1.0 MI TO WACCAMAW DRIVE. TURN LEFT ON WACCAMAW DRIVE FOR 1.24 MI TO STATION ON RIGHT AT ENTRANCE TO OCEANSIDE VILLAGE.  
A STANDARD BRASS CAP SET ON TOP OF A 2-FT LONG 2-IN PVC PIPE INSIDE A 6-IN PVC PIPE SURROUNDED BY CONCRETE.



**Appendix 3**  
**Long Term Shoreline Change Rates**

In Garden City, the long-term erosion rate for stations 4900 to 5030 is  $-1.5$  feet per year.  
The rate at station 5035 is  $-1.25$  feet per year.